

SUPPORTED SPECIFICATIONS

MQF supports HL7 validation for the following published message standards:

Meaningful Use

The American Recovery and Reinvestment Act authorizes the Centers for Medicare & Medicaid Services (CMS) to provide a reimbursement incentive for physician and hospital providers who are successful in becoming “meaningful users” of an Electronic Health Record (EHR). Starting in 2015, providers are expected to have adopted and be actively utilizing an EHR in compliance with the “meaningful use” definition or they will be subject to financial penalties under Medicare. In order to support Medicare and Medicaid Programs; Electronic Health Record Incentive Program; Final Rule for Meaningful Use, the MQF system has implemented message validation support. To meet this need, the following requirements have been included in PHIN MQF.

Structural / Constraint / Vocabulary Validation is implemented for the following:

- **Electronic Laboratory Reporting**

- ✓ HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health (US Realm), Release 1.0, HL7 Informative Document, February 2010

- **Immunization**

- ✓ Implementation Guide for Immunization Data Transactions using Version 2.3.1 of the Health Level Seven (HL7) Protocol, Version 2.2, June 2006
- ✓ HL7 Version 2.5.1 Implementation Guide for Immunization Messaging Release 1.2, February 2011

- **Syndromic Surveillance**

- ✓ PHIN Messaging Guide for Syndromic Surveillance: Emergency Department and Urgent Care Data, HL7 Version 2.5.1 (Version 2.3.1 Compatible) Release 1.0, October 2011

NND CN Project

Structural / Constraint / Vocabulary Validation is implemented for the following:

- PHIN HL7 Version 2.5 Messaging Standard National Condition Reporting Case Notification ORU^R01 Message Structure Specification/Profile Version 2.0., 10/23/2008
- Varicella Case Notification Message Mapping Guide, Version 2.0, 01/09/2009
- Generic Case Notification Message Mapping Guide, Version.1.0, 06/16/2009
- Arboviral Human Case Notification Message Mapping Guide, Version 1.1, 01/20/2009
- Malaria Case Notification Message Mapping Guide, Version 1.04, 03/10/2010
- Generic Summary Case Notification Message Mapping Guide, Version 1.0., 06/18/2009
- Tuberculosis Case Notification Message Mapping Guide, Version 2.0., 01/09/2009

PHLIP Project

Structural / Constraint / Vocabulary Validation is implemented for the following:

- APHL – CDC PHLIP Messaging Guide for Influenza Test Result Reporting by Public Health Laboratories, ORU R01 HL7 v2.3.1, Document Version 1.0.2, 10/15/2009